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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/654,301	09/03/2003	Steven J. Ross	GP-303673/GP-303674 (2760)	4415
286 7590 09/09/2008 GENERAL MOTORS CORPORATION LEGAL STAFF MAIL CODE 482-C23-B21 P O BOX 300 DETROIT, MI 48265-3000			EXAMINER NGUYEN, CUONG H	
			ART UNIT 3661	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/654,301	Applicant(s) ROSS ET AL.	
	Examiner CUONG H. NGUYEN	Art Unit 3661	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 May 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6,8-16 and 18-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3,5-6,8-9,11,13, 15,18, 26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☒ Claim(s) 1-6,8-16 and 18-26 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

1. This is the answer for a communication filed on 5/01/2008. Claims 1-6, 8-16, and 18-26 are pending.

Drawings

2. 6 sheets of formal drawings are filed.

Response

3. The current examiner withdraws previous action mailed on 2/01/2008; this action is a non-final office action.

Claim Rejections - 35 USC 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

4. Claim 6 contains a limitation that is conflict to its parent claim 1, claim 6 simply recites: “wherein the telematics unit is active”, the examiner submits that this unit is already supposed to be active before that (see claim 1); if not, claim 1’s method does not work in practice.

Similarly, the examiner submits that:

5. Claim 9 contains a limitation that is conflict to its parent claim 8, claim 9 recites: “the telematics unit is active”, the examiner submits that this unit is already supposed to be active before that (see claim 8); if not, claim 8’s method does not work in practice.

Claim Rejections - 35 USC 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

6. Per claims 11-16, and 18-20, 26: The applicants claim a physical medium comprising computer readable codes (i.e., see claims 11 line 3, 4, 8, and 10; see claim 13 lines 3, 5, and 7;

see claim 15 lines 3, 5, 7, and 10; see claim 18 lines 3, 5, 7, 9, 11, and 13); these features require a best mode being disclosed when claiming about “computer readable code”; in other words, a support for these computer-readable codes are not found in the pending disclosure – where are those “computer readable code” as claimed.

7. Per independent claim 26: It is directed to a physical system comprises structural limitations. The examiner is unclear and vague of how “a computer readable code” (see claim 26, line 5) has a structural relationship to other physical components in claimed system? The examiner fails to find a computer readable code that contains claimed idea(s) in the disclosure; according to 35 USC 112, 1st para., this claimed “computer readable code” must be disclosed.

Election/Restrictions

This application also contains claims directed to the following patentably distinct species of the claimed invention:

8. Since the specification clearly shows that a condition/requirement for this invention is “stationary period” or “no stationary period”; applicants are required to elect one of those two requirements (see para.[0040] in the disclosure: “In one embodiment, the download status is determined based on the ignition status of the mobile vehicle. In another example, the download status is a variable status requiring the mobile vehicle maintain a stationary period for a predetermined variable time period depending on the new preferences. In this example, certain new preferences, such as, for example modifying radio pre-sets include a requirement for a very limited stationary period or no stationary period for implementation of the preference”).

The examiner assumes that pending claims that NOT explicitly mention of a “stationary period” (i.e., claims 1-2, 4, 6, 25, 11, 21, and 26) are belong to a species of “no stationary period” (i.e., claims 3,5, 8-10, 12-16, 18-20, and 22-24). A request to confirm whether applicants claim a “stationary period” embodiment, or a “no stationary period” embodiment.

Art Unit: 3661

9. Please see also MPEP 806.04(c) of a definition for Subcombination Not Generic to Combination. This situation is frequently presented where two different combinations are disclosed, having a sub combination common to each. This was recognized in *Ex parte Smith*, 1888 C.D. 131, 44 O.G.1183 (Comm'r Pat.1888), where it was held that a sub combination was not generic to the different combinations in which it was used.

A. Group I: representing by claim 1, and claim 5.

Restriction on combination, and subcombination is required:

- “method” claims 1-2, 4, 6, 25 are of a form B_{specific} ; i.e., “A method for providing vehicle settings to a telematics unit in a mobile vehicle, the method comprising:

- a. receiving a vehicle settings update signal at a call center from the telematics unit;
- b. determining a download status of the telematics unit and associated components, wherein the download status is a fixed status requiring the mobile vehicle to maintain a stationary period for a predetermined fixed time period;
- c. storing the vehicle settings when the download status of the telematics unit and associated components is negative; and
- d. transmitting the vehicle settings from the call center to the telematics unit when the download status of the telematics units and associated components is positive.”

- “method” claim 5 is of a form AB_{broad} (i.e., AB_{broad} is a method, comprising limitations:

- c. receiving a user preference at a call center via a web portal interface prior to the call center receiving the vehicle settings update signal; and
- d. sending an update flag signal from the call center to the telematics unit responsive to receiving the at least one user preference at the call center via the web portal interface and prior to the call center receiving the vehicle settings update signal.

”, and B_{broad} comprises limitations:

- a. receiving a vehicle settings update signal at a call center from the telematics unit; and
- b. sending vehicle settings from the call center to the telematics unit responsive to the update signal.

B. Group II: representing by claim 1, and claim 3.

And, the same thing as in A (above) happens to claims 1-2, 4, 6, 25 and 3:

are of a form B_{specific} ; i.e., Claim 1 is directed to a method comprising limitations of:

- a. receiving a vehicle settings update signal at a call center from a telematics unit;
- b. determining a download status of the telematics unit and associated components, wherein the download status is a fixed status requiring the mobile vehicle to maintain a stationary period for a predetermined fixed time period;

Art Unit: 3661

- c. storing the vehicle settings when the download status of the telematics unit and associated components is negative; and
- d. transmitting the vehicle settings from the call center to the telematics unit when the download status of the telematics units and associated components is positive.

- “method” claim 3’s limitations are of a form AB_{broad} (i.e., A method comprising limitations: Where A:

- c. sending an update flag signal from the call center to the telematics unit prior to the call center receiving the vehicle settings update signal.

, and B_{broad}

- a. receiving a vehicle settings update signal at a call center from the telematics unit; and
- b. sending vehicle settings from the call center to the telematics unit responsive to the update signal.

C. Group III: representing by claim 21, and claims 22-24.

Claim 21’s limitations are of a form B_{specific} ; i.e., Claim 21 is directed to a system comprising limitations of:

- a. means for receiving a vehicle settings update signal at the call center from the telematics unit;
- b. means for determining a download status of the telematics unit and associated components, wherein the download status is a fixed status requiring the mobile vehicle to maintain a stationary period for a predetermined fixed time period;
- c. means for storing the vehicle settings when the download status of the telematics unit and associated components is negative; and
- d. means for transmitting the vehicle settings from the call center to the telematics unit when the download status of the telematics units and associated components is positive.

“system” claims 22-24’s limitations are of a form AB_{broad} (i.e., A system comprising limitations: Where A:

- b. means for transmitting a download requirement to the telematics unit;
- c. means for receiving a download reply from the telematics unit responsive to a download requirement;
- d. means for determining a download status of the telematics unit and associated components based on the received download reply;

, and B_{broad}

- a. means for receiving a vehicle settings update signal at the call center from the telematics unit;
- e. means for storing the vehicle settings when the download status of the telematics unit and associated components is negative; and
- f. means for transmitting the vehicle settings from the call center to the telematics unit when the

download status of the telematics units and associated components is positive.

10. Applicant is required under 35 U.S.C. 121 to elect a single disclosed species (in group I, II, III), and a specific embodiment (in section 8) for prosecution on the merits to which the

claims shall be restricted if no generic claim is finally held to be allowable – currently, generic/broadest claim 3 is not allowable because it obviously contains ideas about well-known steps of:

- receiving a signal at location B (sending from location A),
- in response, sending signals from location B to location A for settings (a feedback signal); and
- sending an extra signal (e.g., an update signal) from location B to location A.

Conclusion

11. Pending claims 1-6, 8-16, and 18-26 are not patentable.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CUONG H. NGUYEN whose telephone number is 571-272-6759 (email address: cuong.nguyen@uspto.gov). The examiner can normally be reached on 9:30 am - 5:30 pm (Mon. – Tues., and Thurs. – Friday).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, THOMAS G. BLACK can be reached on 571-272-6956. The Rightfax number for the organization where this application is assigned is 571-273-6956.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Art Unit: 3661

Please provide support, with page and line numbers, for any amended or new claim in an effort to help advance prosecution; otherwise any new claim language that is introduced in an amended or new claim may be considered as new matter, especially if the Application is a Jumbo Application.

/CUONG H. NGUYEN/
Primary Examiner
Art Unit 3661